

#### MISSISSIPPI STATE DEPARTMENT OF HEALTH

## BUREAU OF PUBLIC WATER SUPPLY

# CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

NORTH EAST ITAWAMBA WATER ASSOC.
Public Water Supply Name

D290016 0290017
List PWS ID #s for all Water Systems Covered by this CCR

The F confid must b	deral Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute a consumance report (CCR) to its customers each year. Depending on the population served by the public water system, this CC mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.	ier CR
Please	Answer the Following Questions Regarding the Consumer Confidence Report	
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)	
	Advertisement in local paper  On water bills  Other	
	Date customers were informed: 6 / 29/ //	
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:	
	Date Mailed/Distributed://	
	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)	
	Name of Newspaper: THE ITAWAMBA COUNTY TIMES	
	Date Published: 6 / 29/11	
	CCR was posted in public places. (Attach list of locations)	
	Date Posted: 6 / 29/ /1	
	CCR was posted on a publicly accessible internet site at the address: www	
CERTI	ICATION	
Departm	certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in and manner identified above. I further certify that the information included in this CCR is true and correct and is with the water quality monitoring data provided to the public water system officials by the Mississippi State and of Health, Bureau of Public Water Supply.	n s e
Bi Name/1	an Cunningham - President  (de (President, Mayor, Owner, etc.)  Date	
	Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215  Phone: 601-576-7518	

06/29/2011 06:40

#### 2010 Annual Drinking Water Quality Report North East Itawamba Water Association PW\$#: 0290016 & 0290017 June 2011

ITAWAMBA TIMES



We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to providing you with information because informed customers are our best allies. Our water source is from wells drawing from the Gordo Aquifer

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the North East Itawamba Water Association have received lower to moderate rankings in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Tim Henderson at 662,660,4520. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the second Monday bi-monthly at 7:00 PM at 338 Salem Church Rd.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2010. In cases where monitoring wasn't required in 2010, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Conteminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water, There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Meximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000. TEST RESULTS PWS ID # 290016 MCL Likely Source of Contamination MCL Level Range of Detects or Unit Contaminant Violation Date Ģ # of Samples Measure Collected Detected Exceeding -ment MCL/ACL/MRDL **Inorganic Contaminants** Discharge of drilling wastes; 2 2 .006 No Range ppm 10. Barium N 2008\* discharge from metal refinerles; erosion of natural deposits Corrosion of household plumbing AL=1.3 n 1.3 14. Copper N 2007\* .1 ppm systems; erosion of natural deposits; leaching from wood preservatives Corrosion of household plumbing 0 AL=15 1 0 2007 ppb 17, Lead N systems, erosion of natural deposits **Disinfection By-Products** Water additive used to control MRDL = 4 ppm .81 .61 - .76 2010 microbes Chlorine

PWS ID#0	290017	7		TEST RESU	JUIS	· · · · · · · · · · · · · · · · · · ·		Likely Source of Contamination
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects ( # of Samples Exceeding MCL/ACL/MRDL	Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic (	Contam	inants						
10. Barium	N	2008*	800.	No Range	ppm	2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Capper	N	2007*	.1	0	ppm	1,3	AL=1	systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008*	.124	No Range	ppm	4		4 Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2007*	1	0	ppb	0	AL=1	<ul> <li>Corrosion of household plumbing systems, erosion of natural deposits</li> </ul>
19. Nitrate (as Nitrogen)	N	2010	.27	No Range	ppm	10		10 Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Disinfection	n By-P	roducts	L					
82. TTHM [Total trihalomethanes]			2.84	No Range p	ob	0	08	By-product of drinking water chlorination.
Chlorine	N	2010 .	83 .	5883 p	pm	O Mi	RDL = 4	Water additive used to control microbes

<sup>\*</sup> Most recent sample. No sample required for 2010.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The North East Itawamba Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

### STATE OF MISSISSIPPI COUNTY OF ITAWAMBA

Before the undersigned, a	notary P	ublic
in and for said state and county,	Charlotte	wolfe
general manager of the		
ITAWAM	BA COUNTY TIMES	
in the Town of Fulton, in sa of which the article hereunto att newspaper as follows:	id county and state, r	as published in said
Volume No. 2	Date Sune	39, 2011
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And I hereby certify to examined by me, and I find the and that the Itawamba County had a bona fide circulation in year next proceeding the first of	that the issues above republication thereof to be Times has been established city, county and st	mentioned have been have been duly made, lished, published and rate for more that one
. SE MISSIS.		General Manager
Sworn to aird subscr	ibed before me this the	39 day
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2010 Annual Dinking Water Quality Report
North East (lawarnba Water Association
PURS: 200016 & 0,000077

June 2011

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14 Copper	*	2607		0	P\$810		4.3	ALK13	systems; experient of natural deposits, leaching from wood preservatives
17.1es0		2007		0.7	ppb	100	0	AL=16	Corresion of household plumbs systems, erosion of natural dec

Disinfection	By-Pre	oducts	Setta 8 54 18 2.		y 415.8 (115.3)		0 4 3	Yater addrive used to control
			.6	- 76 PP	•	O MR		necrobes
PWS 1D#0	200017			TEST RESI	ILTS			
Condumicary	Verlainni Viti	Oate Collected	Lenel Detected	Range of Detects 8 of Samples Exceeding MCL/ACLARDA	Measura Measura Intent	MCra	MCI	Likely Source of Contemination
luorganie C	ontam	inants						I backarpe of drilling wastes.
10. Barion	N	2008*	.008	No françe	PP/III	2		discharge from metal refinence. prosion of natural deposits
f4 Copper	N	2007	1	0	ррип	13	AL=1	
16. Fiupn20	N	2005*	.124	tio Range	ppm	•		<ul> <li>Erosion of natural deposits, with additive which promotes strong tests; discharge from fertilizer and startinger factories</li> </ul>
17. Leus	N .	2007*	1	0	Fanb	1	AL-	
19 Novem (se Nitrogen)	N	2010	27	rio Rarga	pern	10		<ul> <li>Runoff from fettäzer use: seaching from septic tanks, screage: erosion of netural deposits</li> </ul>
Disinfectio	n Rv.P	roduct	L S	1000				
ez That	N I	2006	2.84	No Range	90	0	80	By-product of crinking water chlorination
[Tip24] trivalorischanes] Chorine	N	2010	,ES	58 - 53	ppm T	0 8	RDL * 4	Water additive used to control microbes

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The form \$1.51 (treatment Water Apposition works atrong the close to provide top quality water to energy by. We ask that all our or top by provided on water specifics, which are the heart of our community, our very of site and our children's follows:

Northeast Itawamba Water Association 338 Salem Church Rd Golden MS 38847 (662) 585-3480

The current CCR report for the Northeast Itawamba Water Association is publicly posted at the Northeast Itawamba Water Association office at 338 Salem Church Rd, Golden MS 38847.